

Ann Marie Schmidt et al.  
U.S. Serial No. 09/167,705  
Filed: October 6, 1998

Exhibit A



**U.S. Department of Commerce  
Patent and Trademark Office**

**Atty. Docket No.**  
**0575/55873/JPW/JML/PTS**

**Serial No.**  
09/167,705

**Applicant**  
**Ann Marie Schmidt et al.**

**Filing Date**  
**October 6, 1998**

Group 1646

## INFORMATION DISCLOSURE CITATION

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## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

JLH		Dell'Angelica, E. C., et al. (1994). Primary structure and binding properties of calgranulin C, a novel S100-like calcium-binding protein from pig granulocytes. <u>J. Biol. Chem.</u> 269: 28929-28936 ( <b>Exhibit 8</b> );
JLH		Fahey, T., et al. (1991). Diabetes impairs the late inflammatory response to wound healing. <u>J. Surg. Res.</u> 50: 308-313 ( <b>Exhibit 9</b> );

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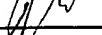
## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Gibbons, G. H. and V. J. Dzau. (1996). Molecular therapies for vascular diseases. <u>Science</u> 272: 689-693. <b>(Exhibit 12);</b>
	Khoury, J. E., et al. (1994). Macrophages adhere to glucose-modified basement membrane collagen IV via their scavenger receptors. <u>J. Biol. Chem.</u> 269: 10197-10200 <b>(Exhibit 13);</b>
	Kuo, Y-M., et al. (1996). Water-soluble Aβ (N-40, N-42) oligomers in normal and Alzheimer Disease brains. <u>J. Biol. Chem.</u> 271(8): 4077-4081 <b>(Exhibit 14);</b>

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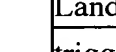
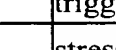
## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

		Document Number							Date	Country	Class	Subclass	Translation	
													Yes	No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Lander, H. M., et al. (1997). Activation of the receptor for advanced glycation end products triggers a p21 <sup>ras</sup> dependent mitogen-activated protein kinase pathway regulated by oxidant stress. <u>J. Biol. Chem.</u> 272: 17810-17814 ( <b>Exhibit 15</b> );
	Ledesma, M. D., et al. (1994). Analysis of microtubule-associated protein tau glycation in paired helical filaments. <u>J. Biol. Chem.</u> 269(34): 21614-21619 ( <b>Exhibit 16</b> );

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**(Use several sheets if necessary)**

U.S. PATENT DOCUMENTS

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Jew	Li, J. and A. M. Schmidt (1997). Characterization and functional analysis of the promoter of RAGE, the receptor for advanced glycation end products. <u>J. Biol. Chem.</u> 272: 16498-16506
	(Exhibit 17);
Jh	Lorenzo, A. and B. A. Yanker (1994). $\beta$ -amyloid neurotoxicity requires fibril formation and is inhibited by Congo red. <u>Proc. Nat. Acad. Sci. USA</u> 91: 12243-12247 (Exhibit 18);

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## U.S. PATENT DOCUMENTS

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of		Mattson, M. P. and Y. Goodman (1995). Different amyloidogenic peptides share a similar mechanism of neurotoxicity involving reactive oxygen species and calcium. <u>Brain Res.</u> 676: 219-224 ( <b>Exhibit 19</b> );
of		Miyata, T., et al. (1996). The receptor for advanced glycation end products (RAGE) is a central mediator of the interaction of AGE-β2 Microglobulin with human mononuclear phagocytes via an oxidant-sensitive pathway. <u>J. Clin. Invest.</u> 98: 1088-1094 ( <b>Exhibit 20</b> );

**EXAMINER**

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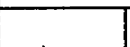
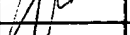
## U.S. PATENT DOCUMENTS

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## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Nakamura, Y., et al. (1993). Immunohistochemical localization of advanced glycosylation endproducts in coronary atheroma and cardiac tissue in diabetes mellitus. <u>Am. J. Pathol.</u> 143(6): 1649-1656 ( <b>Exhibit 21</b> );
	Neeper, M., et al. (1992). Cloning and expression of a cell surface receptor for advanced glycosylation end products of proteins. <u>J. Biol. Chem.</u> 267: 14998-15004 ( <b>Exhibit 22</b> );

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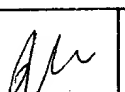
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[illegible]

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	Renard, C., et al. (1997). Recombinant advanced glycation end product receptor pharmacokinetics in normal and diabetic rats. <i>Mol. Pharm.</i> 52: 54-62 ( <b>Exhibit 27</b> );
	Roher, A. E., et al. (1996). Morphology and toxicity of A $\beta$ -(1-42) dimer derived from neuritic and vascular amyloid deposits of Alzheimer's Disease. <i>J. Biol. Chem.</i> 271(34): 20631-20635
	( <b>Exhibit 28</b> );
	Schleicher, E. D., et al. (1997). Increased accumulation of the glycoxidation product N $\epsilon$ -(carboxymethyl) lysine in human tissues in diabetes and aging. <i>J. Clin. Invest.</i> 99: 457-468
	( <b>Exhibit 29</b> );

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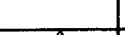
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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

		Schmidt, A. M., et al. (1995). Advanced glycation endproducts interacting with their endothelial receptor induce expression of vascular cell adhesion molecule-1 (VCAM-1) in cultured human endothelial cells and in mice. <u>J. Clin Invest.</u> 96: 1395-1403 ( <b>Exhibit 30</b> );
		Schmidt, A. M., et al. (1994). Receptor for advanced glycation endproducts (AGEs) has a central role in vessel wall interactions and gene activation in response to circulating AGE proteins. <u>Proc. Nat'l Acad. Sci. USA</u> 91: 8807-8811 ( <b>Exhibit 31</b> );

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